

Title (en)
HYDROPHILIZED POROUS FLUOROPOLYMER FILM

Title (de)
HYDROPHILISIERTER PORÖSER FLUORPOLYMERFILM

Title (fr)
FILM POREUX HYDROPHILISÉ EN FLUOROPOLYMÈRE

Publication
EP 3305397 B1 20210915 (EN)

Application
EP 16800120 A 20160527

Priority
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• JP 2016065734 W 20160527

Abstract (en)
[origin: EP3305397A1] A porous membrane comprising a membrane-forming polymer (A) and a polymer (B) containing a methyl methacrylate unit and a hydroxyl group-containing (meth)acrylate (b1) unit. A flux of pure water to permeate the porous membrane is preferably 10 (m³/m²/MPa/h) or more and less than 200 (m³/m²/MPa/h). The contact angle of the bulk of the membrane-forming polymer (A) is preferably 60° or more. The membrane-forming polymer (A) is preferably a fluorine-containing polymer. The polymer (B) is preferably a random copolymer.

IPC 8 full level
B01D 71/40 (2006.01); **B01D 67/00** (2006.01); **B01D 69/02** (2006.01); **B01D 69/06** (2006.01); **B01D 69/08** (2006.01); **B01D 71/32** (2006.01); **B01D 71/80** (2006.01); **C08F 220/28** (2006.01); **C08J 9/28** (2006.01); **C08L 27/12** (2006.01); **C08L 33/12** (2006.01); **B01D 71/34** (2006.01)

CPC (source: EP KR US)
B01D 67/00111 (2022.08 - EP KR US); **B01D 67/0013** (2013.01 - EP KR US); **B01D 67/0016** (2013.01 - KR US); **B01D 69/02** (2013.01 - EP KR US); **B01D 69/06** (2013.01 - EP KR US); **B01D 69/08** (2013.01 - EP KR US); **B01D 71/32** (2013.01 - KR); **B01D 71/34** (2013.01 - KR); **B01D 71/40** (2013.01 - US); **B01D 71/401** (2022.08 - EP KR); **B01D 71/4011** (2022.08 - EP KR); **B01D 71/80** (2013.01 - EP KR US); **C02F 1/44** (2013.01 - KR); **C08F 220/14** (2013.01 - KR US); **C08F 220/20** (2013.01 - KR); **C08F 220/281** (2020.02 - KR); **C08F 220/286** (2020.02 - KR); **C08J 9/0061** (2013.01 - KR US); **C08J 9/28** (2013.01 - EP KR US); **C08L 27/12** (2013.01 - EP KR US); **C08L 33/12** (2013.01 - EP KR US); **B01D 71/32** (2013.01 - EP US); **B01D 71/34** (2013.01 - EP US); **B01D 2323/02** (2013.01 - EP KR US); **B01D 2323/12** (2013.01 - EP KR US); **B01D 2323/21829** (2022.08 - EP); **B01D 2323/2183** (2022.08 - EP); **B01D 2323/22** (2013.01 - EP KR US); **B01D 2323/30** (2013.01 - EP KR US); **B01D 2323/32** (2013.01 - EP KR US); **B01D 2325/02** (2013.01 - EP); **B01D 2325/0283** (2022.08 - KR US); **B01D 2325/20** (2013.01 - KR); **B01D 2325/34** (2013.01 - KR); **B01D 2325/36** (2013.01 - EP KR US); **C08F 220/281** (2020.02 - US); **C08F 220/286** (2020.02 - EP US); **C08J 2205/042** (2013.01 - KR US); **C08J 2205/044** (2013.01 - KR US); **C08J 2333/12** (2013.01 - KR US); **C08J 2333/14** (2013.01 - KR US); **C08J 2427/16** (2013.01 - KR US)

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